



International Society of Fire Service Instructors "THE PROP SHOP"



**Prop Shop:
2004-06/07**

The "Truckmun"
Savannah Fire & Emergency Services - Savannah, Georgia 31410

**Jun/Jul
2004**

THE "TRUCKMUN"

The "Truckmun" Prop was designed and developed to enhance Truck Company skills in vertical ventilation, forcible entry, hand tool usage; power saw discipline and control, forcible entry operations, and utility isolation. The "Truckmun" features evolutions involving vertical ventilation chopping skills, chain saw operations, K-12 saw usage/control, and gas meter utility isolation using a spanner wrench or similar such hand tool.

The "Truckmun" was constructed using treated 4" x 4" timbers, 2" x 4" and 2" x 6"s for longstanding resistance against the weather. All components have been assembled using carriage bolts for disassembly and mobility purposes. All permanent sections (i.e. 4" x 4" framing) is constructed using 6 1/2" lag bolts.



CONSTRUCTION / MATERIALS

The supplies needed to construct the "Truckmun" include:

- (7) 4" x 4" x 8'
- (3) 2" x 4" x 8'
- (1) 4' x 8' x 1/2" CDX plywood
- (8) 6" x 1/2" 10" x 1/2" Carriage bolts
- (10) 8" x 1/2" Carriage bolts
- (8) 6 1/2" x 1/2" Lag bolts – connects 4" x 4" framing
- (3) Sections of All Thread 1/2" x 24" – Cut to join 4" x 4"s at the rotational cut section
- (2) Bundles of standard roofing shingles
- (1) 4' x 8' covering of standard roofing tar paper
- (1) 1lb box of standard roofing nails
- (1) 48" section of utility pole – will need multiple sections for each course of instruction
- (4) Security bars (Window sections)
- (1) Gated door section
- (6) 1/2" x 8' sections of rebar
- (20) Thumb screws (used to hold replaceable rebar sections)

The "Truckmun" Trainer

- 4" x 4" Treated Timber
- Acquired security bars
- Standard utility pole
- 4'-6' lengths (Recommended)
- 2" x 4" cross bracing
- Replaceable 1/2" rebar
- Total Cost < \$500.00

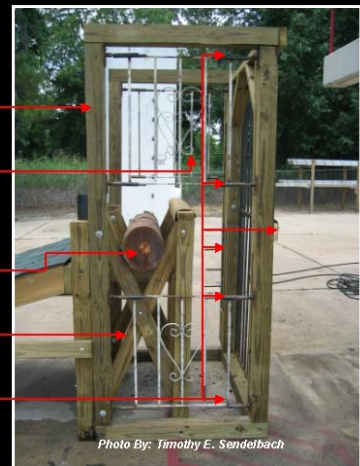


Photo By: Timothy E. Sendelbach

RECOMMENDED DRILLS:



Step 1 – Using a pick head axe - chop utility pole for 2 minutes.

Step 2 – Using a standard chain saw – cut (1) 2" section off the end of the utility pole

Step 3 – Using a K-12 saw with a metal blade – cut the four sections of replaceable rebar (security bars)



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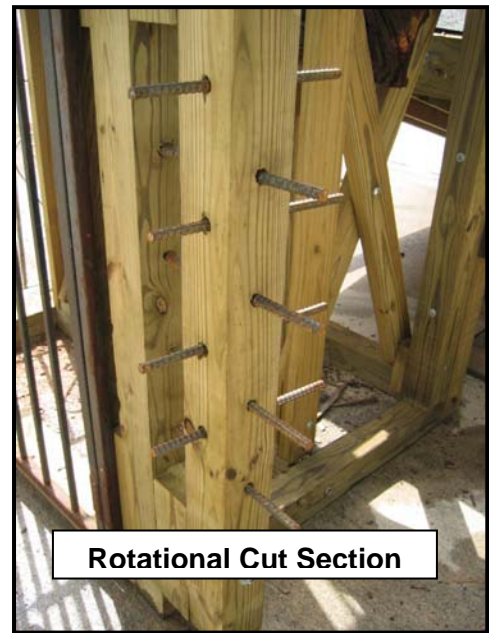
Gated doorway cut

Step 4 – Using a K-12 saw with a metal blade – cut the replaceable section of rebar to force the gated doorway

Step 5 – Using a K-12 saw with a metal blade – cut the replaceable sections of rebar using rotational cuts

Step 6 – Using a K-12 saw with a metal blade – cut the four sections of replaceable rebar (security bars)

Step 7 – Using a standard spanner wrench – secure the utilities



Rotational Cut Section

CREDITS:

The "Truckmun" Prop was designed and constructed by Savannah Fire & Emergency Services Training Division, Master Firefighters Todd Heil, Roy Howard and Chief of Training Tim Sendelbach

Additional information about the use and construction of this prop can be obtained by e-mailing Chief Sendelbach at tesendelbach@msn.com.

